CLAIMS

What is claimed is:

1. A remote control comprising:

a memory;

a plurality of function instructions stored in the memory, including a first function instruction and a second function instruction;

a plurality of keys including a first key operably connected to execute the first function instruction; and

reassignment means for operably connecting the first key to execute the second function instruction instead of the first function.

2. A remote control comprising:

a memory;

a plurality of functions including a first function;

a plurality of keys including a first key and a user selected key, wherein the first key is connected to operate the first function; and

reassignment means including a Key Moving program in the memory for moving operation of the first function to the user selected key from the first key.

3. A remote control comprising:

a micro processor including a CPU and memory;

a plurality of executable programs stored in the memory, including a first executable program and a second executable program;

a plurality of keys including at least one key operably connected to execute the first executable program; and

reassignment means for reassigning the at least one key to be operably connected to execute the second executable program instead of the first executable program.

4. The remote control of claim 3, wherein the reassignment means comprises a Key Reassignment table in the memory, and wherein the Key Reassignment table contains key identity function data for keys which have been reassigned by a user.

5. The remote control of claim 3, wherein the reassignment means comprises a program stored in the memory for reassigning a different function to the at least one key upon inputting a predetermined keystroke sequence.

6. A remote control device comprising:

a microprocessor including a CPU and memory;

a keypad including a set of keys coupled to the microprocessor;

lamp driver circuitry coupled to the microprocessor;

means for generating IR signals coupled to the IR lamp driver circuitry;

instructions and data in binary form stored in the memory for enabling command functions for controlling a plurality of devices manufactured by different manufacturers, wherein the instructions and data are to be retrieved and supplied to the means for generating IR signals;

reassignment means for reassigning the instructions and data stored in memory associated with the command functions, wherein the reassignment means includes;

program instructions in binary form stored in the memory for enabling one to assign one of the command functions to a key on the keypad upon the inputting of a keystroke sequence on the keypad, wherein the instructions and data stored in memory associated with the one of the command functions is associated with the key.

7. The remote control device of claim 6 wherein the keypad includes device keys, mode keys and alpha-numeric keys.

8. The remote control device of claim 6 wherein the Key Reassignment Table includes, for each key, key identity mode data, device data format, and command function data.

9. A remote control device comprising:

a microprocessor including a CPU and memory;

means for generating IR signals defining IR command functions coupled to the microprocessor;

instructions and data in binary form stored in the memory for enabling IR command functions for controlling a plurality of devices manufactured by different manufacturers, wherein the instructions and data are to be retrieved and supplied to the means for generating IR signals;

code data for executing IR command functions stored in the memory; and

reassignment means for reassigning instructions and data associated with a key to another key, wherein the reassignment means includes program instructions in binary form stored in the memory for assigning a command function to a key selected by a user.